



JUL 27 1991

01-RF-00732

Steve Tower
D&D Program Lead
DOE, RFFO

**TRANSMITTAL OF THE 886 CLUSTER PHASE 1 PRE-DEMOLITION SURVEY REPORT
(PDSR) – DWF-004-01**

Provided for your review and approval is the enclosed subject report for 886 Cluster Phase 1 areas. Phase 1 areas are defined as: 886 exterior, 875 exterior, T886 interior and exterior, 888 interior and exterior, 888A (transformer slab and block wall) exterior, and 886 Office Room interiors (i.e., Rooms 106, 111, 116 –123, 125, and 127-131). This report characterizes the physical, chemical and radiological hazards associated with these areas, summarizes the characterization activities, defines the Data Quality Objectives developed for this characterization, and presents the data quality assessment, verification and validation of results.

Planning and characterization of interior and exterior floors, walls and ceilings of these areas was conducted in accordance with the D&D Characterization Protocol (DDCP) and the Pre-Demolition Survey Plan (PDSP). The content of the Characterization Packages were based upon historical and process knowledge, facility location on-site, and personnel interviews. Surveys and sampling, for both radiological and non-radiological constituents of concern were conducted per applicable site procedures.

Results of our characterization effort indicate that no radioactive contamination exists in excess of the allowable limits and that no significant physical hazards are present. Building 886 contains asbestos in both friable and non-friable form. Some of the buildings may contain PCB fluorescent light ballasts and PCB paints, and will be disposed of appropriately.

To ensure that the facilities remain free of contamination and that PDS data remain valid, isolation controls have been established, and the Phase 1 areas have been posted accordingly. 886 Cluster-Phase 2 areas will be characterized after equipment stripout and/or decontamination work is completed, and a separate Phase 2 PDSR will be submitted for approval. Demolition of Buildings 886, 875, 880 and 828 Pit shall not occur until the Phase 2 PDSR is submitted and approved. Buildings T886A, 888 and 888A may be disposed of after Regulatory approval of this report is received.

ADMIN RECORD

Kaiser-Hill Company, L.L.C.

Courier Address: Rocky Flats Environmental Technology Site, State Hwy. 93 and Cactus, Rocky Flats, CO 80007 • 303.966.7000

Mailing Address: P.O. Box 464, Golden, Colorado 80402-0464

DOCUMENT CLASSIFICATION
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JUL 27 1
Steve Tower
DWF-004-01
Page 2

Upon your approval, please forward this report to the CDPHE for their review and concurrence. Please notify Kaiser-Hill, within the 20 days required per the DOE/K-H contract, when you transmit this document to CDPHE. If you have any questions, don't hesitate to call me at extension 5008.

DW Ferrera
Denny Ferrera
RISS Deputy Project Manager
Kaiser-Hill Company, L.L.C.

DP:jlh

Enclosure:
As Stated

Orig. and 1 cc – S. Tower

cc w/o Encl:
Fred Gerdeman



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DOE ORDER #

01-RF-00732

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ACTION ITEM STATUS:

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LTR APPROVALS:

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DP:jlh

Enclosure:
As Stated

Orig. and 1 cc – S. Tower

cc w/o Encl:
Fred Gerdeman

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

Date/Time: February 1, 2001/ 1:00 PM

Site Contact(s): See Attached

Phone: See attached

Regulatory Contact: David Kruchek,

Phone: 303-692-3328

Agency: CDPHE

Purpose of Contact: Scoping Meeting for the 800 Area, Security Area, and the 400/500/900 Area Facilities

Discussion

See attached Meeting Minutes.

Contact Record Prepared By: Tom Scott, extension 2093

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Meeting Attendees



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INTEROFFICE MEMORANDUM

DATE: February 5, 2001

TO: Distribution

FROM: Tom Scott, D&D Program Office, Building 130, X2093

SUBJECT: **MINUTES OF THE INTERNAL/EXTERNAL SCOPING -800 AREA, SECURITY AREA, AND THE 400/500/900 AREA - FEBRUARY 1, 2001**

ATTENDANCE: Kent Dorr, Project Manager, 800 Area; Vern Guthrie Project Manager, 400/500/900 and Security Area; Steve Tower – DOE, Karan North, Duane Parsons, Tom Scott, Gerry Kelly, Steve Nesta, Kim Myers, David Kruchek – CDPHE, Shaun Knapp, Todd Billmire, Lane Butler

NOT IN ATTENDANCE: Jeff Stevens, Frank Gibbs, Dyan Foss; Kevin Daniels

The scoping meeting was held to update and provide the initial characterization and scope of the 800 Area, Security Area and the 400/500/900 Area facility projects and to provide historical information regarding contaminants of concern, and facility walkdown data. These projects included the following Buildings and Tanks: 800 Area Project--864, 830, 885, 863 S886, T883D and external Tanks 020, 021 and 026: Security Area--762 & 762A, 792 & 792A, 761, 901 and 550: 400/500/900 Area--442L, 442W, T551A & T900D.

Kent Dorr introduced the scope of the meeting and provided initial thoughts regarding the scope of the project and plans for decommissioning. Limited detail exists to-date in order to adequately address the full intent of facility decommissioning and the removal of the Tanks. Additional characterization data and planning information is necessary, which will be gathered over the next couple of months.

MEETING MINUTES

- An attendance sheet was circulated, and handouts were distributed. Handouts included write-ups on the facilities, with maps and photos, radiological and chemical characterization packages for each of the three areas, and characterization schedules.
- Kent Dorr mentioned that each area was a separate project.
- Gerry Kelly summarized the Historical Site Assessment process.

6

- Duane Parsons presented details of the characterization packages. He mentioned that individual radiological survey unit packages will be prepared for each survey unit, and that the biased survey locations will be included on the survey maps.
- Dave Kruchek asked why it was ok to group facilities together into single survey units. Duane said that the square footage of the facility groups complied with the MARSSIM requirements, and that the facilities had similar contamination potentials.
- Dave Kruchek asked if Be sampling would occur prior to ACM sampling. Kent Dorr said that timing would depend on the IWCP evaluations. If Be was a concern, Be hazards would be characterized and controlled prior to any other work.
- Dave Kruchek asked if B888 was included in any of the three projects. Kent Dorr said that B888 would be characterized as part of the B886 characterization effort, but could be demolished during the demolition of the 800 Area buildings.
- Duane Parsons explained the surveying of the guard towers (i.e., that only the 1st 8-ft of the interior walls on the 1st floors (ground level) and the 1st 8-ft of the exterior walls will be surveyed). He explained that walls >8 ft and the roofs were conditionally non-impacted, and that if the lower surfaces had contamination, the higher surfaces would be surveyed. He also pointed out that the 2nd and 3rd floor surfaces would be surveyed. In addition, he said that the total square footage of each survey unit would be included in the characterization package after mapping was completed, in order to determine scanning square footage.
- Dave Kruchek asked why the tower roofs were not going to be surveyed. Duane Parsons explained that activity on walls are usually equivalent to activity on roofs (i.e., that the walls are representative of the roofs). He referenced the 980 Project, the Clarifier Project, and the 779 Project in which contamination was found on the walls as well as the roofs, and that the contamination levels on the walls and roofs were similar. He also said that surveying would pose an unnecessary H&S risk, and that the towers were built after the 776 fire and could not have been contaminated by the fires. Kent Dorr added that surveys in the 900 Area showed that the hottest spots were on the walls, not on the roofs.
- Dave Kruchek mentioned that there is no existing documentation nor justification as to why some surveying of the roofs is not required.
- Karen North said that justification would be provided in the characterization report.
- Duane Parsons mentioned the preparation of a technical basis document that will present justification why exterior walls and roofs associated with South Side facilities do not need to be surveyed, or at least only require minimal surveying. Tom Scott mentioned that data from a site-wide background study would also be used to support limited exterior surveying.
- Dave Kruchek insisted that, until justification is provided, that the tower roofs should be surveyed. He pointed out that there was access to the roof, from the inside. Therefore, it was agreed that one survey would be taken on the roof near the hatch of each tower. Additional surveys will be evaluated. H&S concerns would be evaluated and addressed.

- Duane Parsons mentioned that the three tanks in the 800 Area and S886 would undergo Pre-Release Evaluations (PREs). Dave Kruchek then asked if the pads would be part of the evaluations and if the pads would be removed with the equipment/property. Duane indicated that the pads would be evaluated and removed. Kim Myers mentioned that one or more of the pads are on IHSSs, and in addition to radiological surveys, they would have to be characterized for chemical contamination as well. Lane Butler mentioned that removal of pads on IHSSs could be accompanied using the ER RSOP, and that the ER RSOP should be available for use close to the end of the fiscal year. Removal and characterization of the pads will continue to be evaluated.
- Steve Tower recommended that IHSSs be indicated on facility maps.
- Duane Parsons mentioned adding B888A to the list of facilities to undergo a PRE. Tom Scott mentioned that it's a small non-PCB transformer and is considered equipment, similar to other transformers, which have been removed. Dave Kruchek gave his approval.
- Kent Dorr said that he would status Dave Kruchek on the characterization effort in about one-months time.

No further issues or concerns were discussed. The Advanced Planning effort can proceed as scheduled.

The meeting was adjourned at 2:00 p.m.